

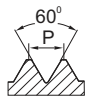


ISO Metric coarse thread DIN-13										800					
										C	C-LH	B	B-LH	B	B
Material groups															
Hole type															
Quality of material										HSSE	HSSE	HSSE	HSSE	HSSE	HSSE
Coating															
Chamfer										C / 2-3P	C / 2-3P	B / 4-5P	B / 4-5P	B / 4-5P	B / 4-5P
M Ød ₁	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-371					
										Tol.	ISO1(4H)		ISO1(4H)		
										INDEX	C4-121102		C4-111102		
M1	0,25	40	6	-	13	2,5	2,1	0,75	0010	●			●		
M1,1	0,25	40	6	-	13	2,5	2,1	0,85	0011	●			●		
M1,2	0,25	40	6	-	13	2,5	2,1	0,95	0012	●			●		
M1,4	0,30	40	7	-	13	2,5	2,1	1,10	0014	●			●		
M Ød ₁	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-371					
										Tol.	ISO2 (6H)		ISO2 (6H)		
										INDEX	C4-121101		C4-111101		
M1,6	0,35	40	8	-	13	2,5	2,1	1,25	0016	●			●		
M1,7	0,35	40	8	-	13	2,5	2,1	1,35	0017	●			●		
M1,8	0,35	40	8	-	13	2,5	2,1	1,45	0018	●			●		
M2	0,40	45	10	-	13	2,8	2,1	1,60	0020	●			●		
M2,2	0,45	45	10	-	13	2,8	2,1	1,75	0022	●			●		
M2,3	0,40	45	10	-	13	2,8	2,1	1,90	0023	●			●		
M2,5	0,45	50	9	-	14	2,8	2,1	2,05	0025	●			●		
M2,6	0,45	50	9	-	14	2,8	2,1	2,15	0026	●			●		
M Ød ₁	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-371					
										Tol.	ISO2 (6H)	ISO2 (6H)	ISO2 (6H)	ISO2 (6H)	ISO3 (6G)
										INDEX	C2-121101	C2-221101	C2-111101	C2-211101	C2-111103
M3	0,50	56	10	-	18	3,5	2,7	2,50	0030	●	●	●	●	●	○
M3,5	0,60	56	12	-	20	4,0	3,0	2,90	0035	●	○	●	○	○	○
M4	0,70	63	12	-	21	4,5	3,4	3,30	0040	●	●	●	●	●	○
M4,5	0,75	70	14	-	25	6,0	4,9	3,80	0045	●	○	●	○	○	○
M5	0,80	70	14	-	25	6,0	4,9	4,20	0050	●	●	●	●	●	○
M6	1,00	80	18	-	30	6,0	4,9	5,00	0060	●	●	●	●	●	○
M7	1,00	80	18	-	30	7,0	5,5	6,00	0070	●	○	●	○	○	○
M8	1,25	90	20	-	35	8,0	6,2	6,80	0080	●	●	●	●	●	○
M9	1,25	90	20	-	35	9,0	7,0	7,80	0090	●	○	●	○	○	○
M10	1,50	100	20	-	39	10,0	8,0	8,50	0100	●	●	●	●	●	○
										Vc (m/min)					
● Available from stock										P	5-20	5-20	5-20	5-20	5-20
○ On request										M	-	-	-	-	-
										K	5-15	5-15	5-15	5-15	5-15
										N	5-25	5-25	5-25	5-25	5-25
										S	-	-	-	-	-

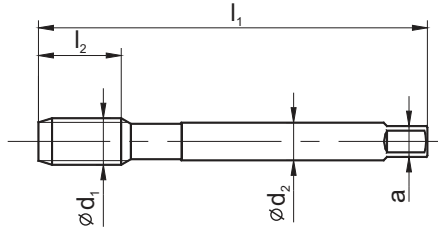
Example of order

C4-121102-0100
Tap 800 M10-6H DIN-371 C HSSE

ISO Metric coarse thread DIN-13



HSSE

DIN
376

800

C

C-LH

B

B-LH

B

B



LH

LH

6G

7G

Material groups

P

M

K

P

M

K

P

M

K

P

M

K

P

M

K

P

M

K

N

S

H

N

S

H

N

S

H

N

S

H

N

S

H

N

S

H

Hole type



Quality of material

HSSE

HSSE

HSSE

HSSE

HSSE

HSSE

Coating

Chamfer

C / 2-3P

C / 2-3P

B / 4-5P

B / 4-5P

B / 4-5P

B / 4-5P

M Ød ₁	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm
									Tol.
									INDEX

DIN-376

ISO2 (6H)

ISO2 (6H)

ISO2 (6H)

ISO2 (6H)

ISO3 (6G)

7G

D2-121101

D2-221101

D2-111101

D2-211101

D2-111103

D2-111104

M3	0,50	56	11	-	-	2,2	1,8	2,50	0030
M4	0,70	63	12	-	-	2,8	2,1	3,30	0040
M5	0,80	70	14	-	-	3,5	2,7	4,20	0050
M6	1,00	80	18	-	-	4,5	3,4	5,00	0060
M8	1,25	90	20	-	-	6,0	4,9	6,80	0080
M10	1,50	100	20	-	-	7,0	5,5	8,50	0100
M12	1,75	110	24	-	-	9,0	7,0	10,20	0120
M14	2,00	110	25	-	-	11,0	9,0	12,00	0140
M16	2,00	110	32	-	-	12,0	9,0	14,00	0160
M18	2,50	125	32	-	-	14,0	11,0	15,50	0180
M20	2,50	140	32	-	-	16,0	12,0	17,50	0200
M22	2,50	140	32	-	-	18,0	14,5	19,50	0220
M24	3,00	160	38	-	-	18,0	14,5	21,00	0240
M27	3,00	160	38	-	-	20,0	16,0	24,00	0270
M30	3,50	180	40	-	-	22,0	18,0	26,50	0300
M33	3,50	180	45	-	-	25,0	20,0	29,50	0330
M36	4,00	200	50	-	-	28,0	22,0	32,00	0360
M39	4,00	200	55	-	-	32,0	24,0	35,00	0390
M42	4,50	200	60	-	-	32,0	24,0	37,50	0420
M45	4,50	220	60	-	-	36,0	29,0	40,50	0450
M48	5,00	250	65	-	-	36,0	29,0	43,00	0480
M52	5,00	250	65	-	-	40,0	32,0	47,00	0520

ISO

Vc (m/min)

P

5-35

5-20

5-20

5-20

5-20

5-20

M

-

-

-

-

-

-

K

10-25

5-15

5-15

5-15

5-15

5-15

N

10-35

5-25

5-25

5-25

5-25

5-25

S

-

-

-

-

-

-

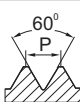
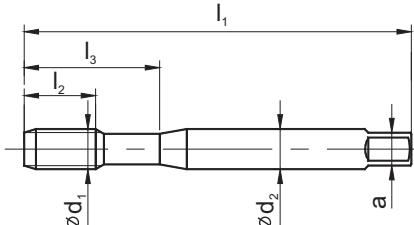
Example of order

D2-221101-0120
Tap 800 M12-6H DIN-376 C LH HSSE

● Available from stock

○ On request



ISO Metric coarse thread DIN-13										800						
										C-R40	C-LH-L40	C-R40	C-R40			
  HSSE DIN 371																
Material groups																
Hole type																
Quality of material										HSSE	HSSE	HSSE	HSSE			
Coating																
Chamfer										C / 2-3P	C / 2-3P	C / 2-3P	C / 2-3P			
M Ød ₁	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-371						
									Tol.	ISO1(4H)						
									INDEX	C4-511102						
M1	0,25	40	-	6	13	2,5	2,1	0,75	0010	●						
M1,1	0,25	40	-	6	13	2,5	2,1	0,85	0011	●						
M1,2	0,25	40	-	6	13	2,5	2,1	0,95	0012	●						
M1,4	0,30	40	-	8	13	2,5	2,1	1,10	0014	●						
M Ød ₁	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-371						
									Tol.	ISO2 (6H)						
									INDEX	C4-511101						
M1,6	0,35	40	-	8	13	2,5	2,1	1,25	0016	●						
M1,7	0,35	40	-	8	13	2,5	2,1	1,35	0017	●						
M1,8	0,35	40	-	8	13	2,5	2,1	1,45	0018	●						
M2	0,40	45	-	10	13	2,8	2,1	1,60	0020	●						
M2,2	0,45	45	-	10	13	2,8	2,1	1,75	0022	●						
M2,3	0,40	45	-	10	13	2,8	2,1	1,90	0023	●						
M2,5	0,45	50	-	5	14	2,8	2,1	2,05	0025	●						
M2,6	0,45	50	-	5	14	2,8	2,1	2,15	0026	●						
M Ød ₁	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-371						
									Tol.	C2-511101	C2-591101	C2-511103	C2-511104			
									INDEX	ISO2 (6H)	ISO2 (6H)	ISO3 (6G)	7G			
M3	0,50	56	-	5	18	3,5	2,7	2,50	0030	●	●	●	○			
M3,5	0,60	56	-	6	20	4,0	3,0	2,90	0035	●	○	○	○			
M4	0,70	63	-	7	21	4,5	3,4	3,30	0040	●	●	●	○			
M4,5	0,75	70	-	7,5	25	6,0	4,9	3,80	0045	●	○	○	○			
M5	0,80	70	-	8	25	6,0	4,9	4,20	0050	●	●	●	○			
M6	1,00	80	-	10	30	6,0	4,9	5,00	0060	●	●	●	○			
M7	1,00	80	-	10	30	7,0	5,5	6,00	0070	●	○	○	○			
M8	1,25	90	-	13	35	8,0	6,2	6,80	0080	●	●	●	○			
M9	1,25	90	-	13	35	9,0	7,0	7,80	0090	●	○	○	○			
M10	1,50	100	-	15	39	10,0	8,0	8,50	0100	●	●	●	○			

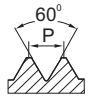
- Available from stock
- On request

ISO	Vc (m/min)						
P	5-20	5-20	5-20	5-20			
M	-	-	-	-			
K	5-15	5-15	5-15	5-15			
N	5-25	5-25	5-25	5-25			
S	-	-	-	-			

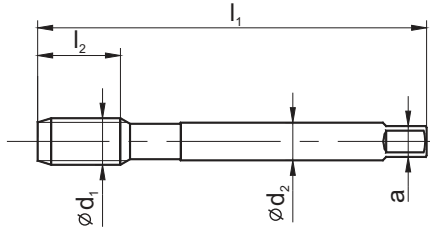
Example of order

C4-511102-0010
Tap 800 M1-4H DIN-371 C R40 HSSE-PM

ISO Metric coarse thread DIN-13



HSSE

DIN
376

800

C-R40

C-LH-L40

C-R40

C-R40



LH

6G

7G

Material groups

P

M

K

N

S

H

P

M

K

N

S

H

P

M

K

N

S

H

P

M

K

N

S

H

Hole type



< 2,5d



< 2,5d



< 2,5d



< 2,5d

Quality of material

HSSE

HSSE

HSSE

HSSE

Coating

Chamfer

C / 2-3P

C / 2-3P

C / 2-3P

C / 2-3P

M Ød ₁	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-376						
									Tol.	ISO2 (6H)	ISO2 (6H)	ISO3 (6G)	7G			
									INDEX	D2-511101	D2-591101	D2-511103	D2-511104			
M3	0,50	56	-	5	-	2,2	1,8	2,50	0030	●	○	○	○			
M4	0,70	63	-	8	-	2,8	2,1	3,30	0040	●	○	○	○			
M5	0,80	70	-	10	-	3,5	2,7	4,20	0050	●	○	○	○			
M6	1,00	80	-	12	-	4,5	3,4	5,00	0060	●	○	○	○			
M8	1,25	90	-	15	-	6,0	4,9	6,80	0080	●	○	○	○			
M10	1,50	100	-	17	-	7,0	5,5	8,50	0100	●	○	○	○			
M12	1,75	110	-	18	-	9,0	7,0	10,20	0120	●	●	●	○			
M14	2,00	110	-	20	-	11,0	9,0	12,00	0140	●	○	○	○			
M16	2,00	110	-	20	-	12,0	9,0	14,00	0160	●	●	●	○			
M18	2,50	125	-	25	-	14,0	11,0	15,50	0180	●	○	○	○			
M20	2,50	140	-	25	-	16,0	12,0	17,50	0200	●	●	●	○			
M22	2,50	140	-	25	-	18,0	14,5	19,50	0220	●	○	○	○			
M24	3,00	160	-	30	-	18,0	14,5	21,00	0240	●	●	○	○			
M27	3,00	160	-	30	-	20,0	16,0	24,00	0270	●	○	○	○			
M30	3,50	180	-	35	-	22,0	18,0	26,50	0300	●	○	○	○			
M33	3,50	180	-	35	-	25,0	20,0	29,50	0330	●	○	○	○			
M36	4,00	200	-	40	-	28,0	22,0	32,00	0360	●	○	○	○			
M39	4,00	200	-	40	-	32,0	24,0	35,00	0390	●	○	○	○			
M42	4,50	200	-	45	-	32,0	24,0	37,50	0420	●	○	○	○			
M45	4,50	220	-	45	-	36,0	29,0	40,50	0450	●	○	○	○			
M48	5,00	250	-	50	-	36,0	29,0	43,00	0480	●	○	○	○			
M52	5,00	250	-	50	-	40,0	32,0	47,00	0520	●	○	○	○			

ISO	Vc (m/min)						
P	5-20	5-20	5-20	5-20			
M	-	-	-	-			
K	5-15	5-15	5-15	5-15			
N	5-25	5-25	5-25	5-25			
S	-	-	-	-			

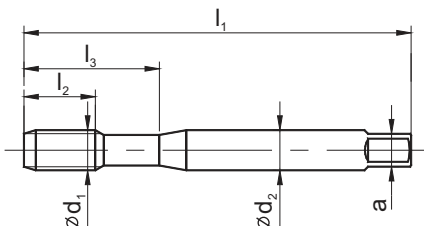
Example of order

D2-511101-0030
Tap 800 M3-6H DIN-376 C R40 HSSE● Available from stock
○ On request

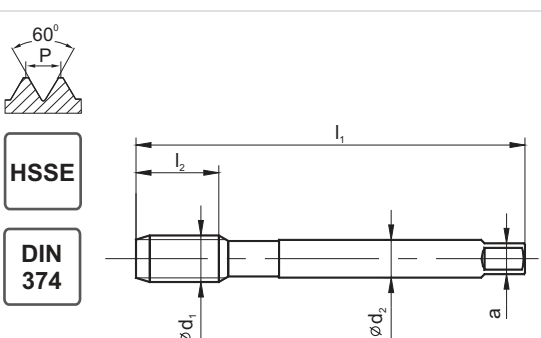
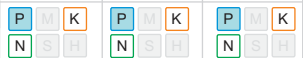


ISO Metric coarse thread DIN-13										800									
										B	C-R40								
60° P HSSE DIN 371-EL DIN 376-EL										<									

1

ISO Metric fine thread DIN-13											800												
											C	B	C-R40										
60° P  HSSE DIN 371 																							
Material groups											P M K N S H	P M K N S H	P M K N S H										
Hole type																							
Quality of material											HSSE	HSSE	HSSE										
Coating																							
Chamfer											C / 2-3P	B / 4-5P	C / 2-3P										
MF Ød ₁	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm				DIN-371										
									Tol.				ISO2 (6H)										
									INDEX				C2-121101										
M3x0,35	0,35	56	10	5	18	3,5	2,7	2,65	0031	●	●	●											
M3,5x0,35	0,35	56	10	5	20	4,0	3,0	3,15	0036	●	●	●											
M4x0,5	0,50	63	12	7	21	4,5	3,4	3,50	0041	●	●	●											
M5x0,5	0,50	70	14	8	25	6,0	4,9	4,50	0051	●	●	●											
M6x0,75	0,75	80	14	10	30	6,0	4,9	5,20	0062	●	●	●											
M8x0,75	0,75	80	18	10	30	8,0	6,2	7,20	0082	●	●	●											
M8x1	1,00	90	20	13	35	8,0	6,2	7,00	0083	●	●	●											
M10x0,75	0,75	90	20	13	35	10,0	8,0	9,20	0102	●	●	●											
M10x1	1,00	90	20	13	35	10,0	8,0	9,00	0103	●	●	●											
M10x1,25	1,25	100	20	15	39	10,0	8,0	8,80	0104	●	●	●											
											Vc (m/min)												
ISO																							
P											5-20	5-20	5-20										
M											-	-	-										
K											5-15	5-15	5-15										
N											5-25	5-25	5-25										
S											-	-	-										



ISO Metric fine thread DIN-13										800						
 60° P HSSE DIN 374										C	B	C-R40				
																
																
Quality of material										HSSE	HSSE	HSSE				
Coating																
Chamfer										C / 2-3P	B / 4-5P	C / 2-3P				
MF Ød ₁	P	l ₁	l ₂	l ₂ R40 R45	l ₃	Ød ₂	a		Norm	DIN-374						
										Tol.	ISO2 (6H)	ISO2 (6H)	ISO2 (6H)			
										INDEX	D2-1211101	D2-111101	D2-511101			
M8x1	1,00	90	20	10	-	6,0	4,9	7,00	0083	●	●	●				
M9x1	1,00	90	20	10	-	7,0	5,5	8,00	0093	○	○	○				
M10x0,75	0,75	90	18	10	-	7,0	5,5	9,20	0102	●	●	●				
M10x1	1,00	90	20	10	-	7,0	5,5	9,00	0103	●	●	●				
M10x1,25	1,25	100	20	15	-	7,0	5,5	8,80	0104	●	●	●				
M11x1	1,00	90	20	10	-	8,0	6,2	10,00	0113	○	○	○				
M12x1	1,00	100	20	10	-	9,0	7,0	11,00	0123	●	●	●				
M12x1,25	1,25	100	20	15	-	9,0	7,0	10,80	0124	●	●	●				
M12x1,5	1,50	100	20	15	-	9,0	7,0	10,50	0125	●	●	●				
M14x1	1,00	100	20	10	-	11,0	9,0	13,00	0143	●	●	●				
M14x1,25	1,25	100	20	15	-	11,0	9,0	12,80	0144	●	●	●				
M14x1,5	1,50	100	20	15	-	11,0	9,0	12,50	0145	●	●	●				
M15x1	1,00	100	20	10	-	12,0	9,0	14,00	0153	○	○	○				
M16x1	1,00	100	20	10	-	12,0	9,0	15,00	0163	●	●	●				
M16x1,5	1,50	100	20	15	-	12,0	9,0	14,50	0165	●	●	●				
M18x1	1,00	110	24	13	-	14,0	11,0	17,00	0183	○	○	○				
M18x1,5	1,50	110	24	17	-	14,0	11,0	16,50	0185	●	●	●				
M18x2	2,00	125	27	20	-	14,0	11,0	16,00	0186	●	●	●				
M20x1	1,00	125	24	13	-	16,0	12,0	19,00	0203	○	○	○				
M20x1,5	1,50	125	24	17	-	16,0	12,0	18,50	0205	●	●	●				
M20x2	2,00	140	27	20	-	16,0	12,0	18,00	0206	●	●	●				
M22x1	1,00	125	24	13	-	18,0	14,5	21,00	0223	○	○	○				
M22x1,5	1,50	125	24	17	-	18,0	14,5	20,50	0225	●	●	●				
M22x2	2,00	140	27	20	-	18,0	14,5	20,00	0226	●	●	●				
M24x1	1,00	140	27	13	-	18,0	14,5	23,00	0243	○	○	○				
M24x1,5	1,50	140	27	20	-	18,0	14,5	22,50	0245	●	●	●				
M24x2	2,00	140	27	20	-	18,0	14,5	22,00	0246	●	●	●				
M25x1,5	1,50	140	27	20	-	18,0	14,5	23,50	0253	○	○	○				
M26x1,5	1,50	140	27	20	-	18,0	14,5	24,50	0265	○	○	○				
M27x1,5	1,50	140	27	20	-	20,0	16,0	25,50	0275	●	●	●				
M27x2	2,00	140	27	20	-	20,0	16,0	25,00	0276	●	●	●				
M28x1,5	1,50	140	27	20	-	20,0	16,0	26,50	0285	○	○	○				

● Available from stock
○ On request

ISO	Vc (m/min)						
P	5-20	5-20	5-20				
M	-	-	-				
K	5-15	5-15	5-15				
N	5-25	5-25	5-25				
S	-	-	-				

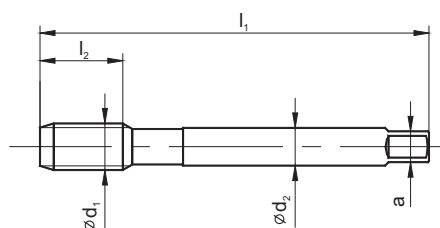
Example of order
D2-121101-0083
Tap 800 M8x1-6H DIN-374 C HSSE

1

ISO Metric fine thread DIN-13



HSSE

DIN
374

800

C

B

C-R40



Material groups

P

M

K

N

S

H

P

M

K

N

S

H

P

M

K

N

S

H

Hole type



< 1.5d



< 3d



< 2.5d

Quality of material

HSSE

HSSE

HSSE

Coating

Chamfer

C / 2-3P

B / 4-5P

C / 2-3P

MF Ød ₁	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm Tol.	DIN-374						
										ISO2 (6H)	ISO2 (6H)	ISO2 (6H)				
										INDEX	D2-121101	D2-111101	D2-511101			
M28x2	2,0	140	27	20	-	20,0	16,0	26,00	0286	o	o	o				
M30x1,5	1,5	150	27	22	-	22,0	18,0	28,50	0305	●	●	●				
M30x2	2,0	150	27	22	-	22,0	18,0	28,00	0306	●	●	●				
M32x1,5	1,5	150	27	22	-	22,0	18,0	30,50	0325	o	o	o				
M32x2	2,0	150	27	22	-	22,0	18,0	30,00	0326	o	o	o				
M33x1,5	1,5	160	30	22	-	25,0	20,0	31,50	0335	●	●	●				
M33x2	2,0	160	30	24	-	25,0	20,0	31,00	0336	●	●	●				
M34x1,5	1,5	170	30	22	-	28,0	22,0	32,50	0345	o	o	o				
M35x1,5	1,5	170	30	22	-	28,0	22,0	33,50	0355	o	o	o				
M36x1,5	1,5	170	30	22	-	28,0	22,0	34,50	0365	●	●	●				
M36x2	2,0	170	30	24	-	28,0	22,0	34,00	0366	●	●	●				
M36x3	3,0	200	50	30	-	28,0	22,0	33,00	0367	o	o	o				
M38x1,5	1,5	170	30	24	-	28,0	22,0	36,50	0385	o	o	o				
M39x1,5	1,5	170	30	25	-	32,0	24,0	37,50	0395	o	o	o				
M39x2	2,0	170	30	25	-	32,0	24,0	37,00	0396	o	o	o				
M39x3	3,0	200	50	30	-	32,0	24,0	36,00	0397	o	o	o				
M40x1,5	1,5	170	30	25	-	32,0	24,0	38,50	0405	o	o	o				
M40x2	2,0	170	30	25	-	32,0	24,0	38,00	0406	o	o	o				
M42x1,5	1,5	170	30	25	-	32,0	24,0	40,50	0425	o	o	o				
M42x2	2,0	170	30	25	-	32,0	24,0	40,00	0426	o	o	o				
M42x3	3,0	200	50	30	-	32,0	24,0	39,00	0427	o	o	o				
M45x1,5	1,5	180	30	27	-	36,0	29,0	43,50	0455	o	o	o				
M45x2	2,0	180	30	27	-	36,0	29,0	43,00	0456	o	o	o				
M45x3	3,0	200	50	30	-	36,0	29,0	42,00	0457	o	o	o				
M48x1,5	1,5	190	30	27	-	36,0	29,0	46,50	0485	o	o	o				
M48x2	2,0	190	30	27	-	36,0	29,0	46,00	0486	o	o	o				
M48x3	3,0	225	50	33	-	36,0	29,0	45,00	0487	o	o	o				
M50x1,5	1,5	190	30	27	-	36,0	29,0	48,50	0505	o	o	o				
M50x2	2,0	190	30	27	-	36,0	29,0	48,00	0506	o	o	o				
M52x1,5	1,5	190	32	27	-	40,0	32,0	50,50	0525	o	o	o				
M52x2	2,0	190	32	27	-	40,0	32,0	50,00	0526	o	o	o				
M52x3	3,0	225	50	33	-	40,0	32,0	49,00	0527	o	o	o				

● Available from stock

○ On request

ISO	Vc (m/min)						
P	5-20	5-20	5-20				
M	-	-	-				
K	5-15	5-15	5-15				
N	5-25	5-25	5-25				
S	-	-	-				

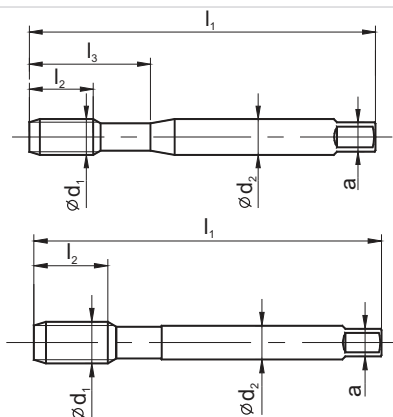
Example of order

D2-121101-0286

Tap 800 M28x2-6H DIN-374 C HSSE

American unified coarse thread
UNC, ANSI B-1.1


HSSE

DIN
371DIN
376

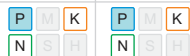
800

B

C-R40



Material groups



Hole type



Quality of material

HSSE

HSSE

Coating

Chamfer

B / 4-5P

C / 2-3P

UNC	Ød ₁	1"/P	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-371					
											Tol.	2B	2B				
											INDEX	C2-111101	C2-511101				
No2-56	2,184	56	0,455	45	10	10	13	2,8	2,1	1,85	4102	○	○				
No4-40	2,844	40	0,635	56	10	5	18	3,5	2,7	2,35	4104	●	●				
No5-40	3,175	40	0,635	56	10	7	18	3,5	2,7	2,65	4105	●	●				
No6-32	3,505	32	0,794	56	12	6	20	4,0	3,0	2,85	4106	●	●				
No8-32	4,165	32	0,794	63	12	7	21	4,5	3,4	3,50	4108	●	●				
No10-24	4,826	24	1,058	70	14	8	25	6,0	4,9	3,90	4110	●	●				
No12-24	5,486	24	1,058	80	18	10	30	6,0	4,9	4,50	4112	●	●				
1/4-20	6,350	20	1,270	80	18	13	30	7,0	5,5	5,10	4127	●	●				
5/16-18	7,938	18	1,411	90	20	13	35	8,0	6,0	6,60	4128	●	●				
3/8-16	9,525	16	1,588	100	20	15	39	10,0	8,0	8,00	4129	●	●				

UNC	Ød ₁	1"/P	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-376					
											Tol.	2B	2B				
											INDEX	D2-111101	D2-511101				
7/16-14	11,112	14	1,814	100	22	15	-	8,0	6,2	9,40	4130	●	●				
1/2-13	12,700	13	1,954	110	24	18	-	9,0	7,0	10,80	4131	●	●				
9/16-12	14,288	12	2,117	110	25	20	-	11,0	9,0	12,20	4132	●	●				
5/8-11	15,875	11	2,309	110	32	22	-	12,0	9,0	13,50	4133	●	●				
3/4-10	19,050	10	2,504	125	32	25	-	14,0	11,0	16,50	4135	●	●				
7/8-9	22,225	9	2,822	140	32	30	-	18,0	14,5	19,50	4137	●	●				
1-8	25,400	8	3,175	160	38	30	-	20,0	16,0	22,25	4139	●	●				
1.1/8-7	28,575	7	3,629	180	40	40	-	22,0	18,0	25,00	4141	●	●				
1.1/4-7	31,750	7	3,629	180	40	40	-	22,0	18,0	28,00	4143	●	●				
1.3/8-6	34,925	6	4,233	200	50	40	-	28,0	22,0	30,75	4145	●	●				
1.1/2-6	38,100	6	4,233	200	55	40	-	28,0	22,0	34,00	4147	●	●				

ISO Vc (m/min)

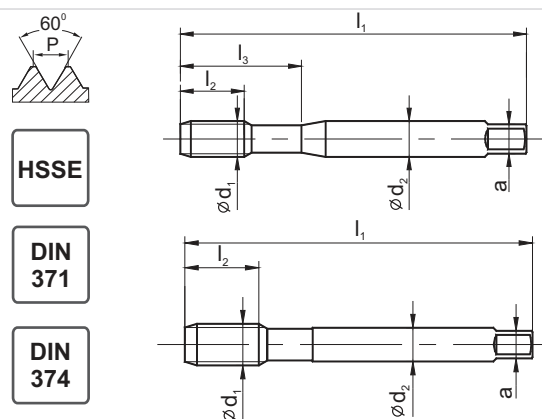
P	5-20	5-20				
M	-	-				
K	5-15	5-15				
N	5-25	5-25				
S	-	-				

Example of order

 C2-111101-4106
 Tap 800 No5-40 UNC 2B DIN-371 HSSE

- Available from stock
- On request

American unified fine thread UNF, ANSI B-1.1



Material groups

Hole type

Quality of material

Coating

Chamfer

800

B

C-R40



HSSE

HSSE

B / 4-5P C / 2-3P

UNF	Ød ₁	1"/P	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-371					
											Tol.	2B	2B				
											INDEX	C2-111101	C2-511101				
No6-40	3,505	40	0,635	56	12	6	20	4,0	3,0	2,95	4206	○	○				
No8-36	4,165	36	0,705	63	12	7	21	4,5	3,4	3,50	4208	○	○				
No10-32	4,826	32	0,794	70	14	8	25	6,0	4,9	4,10	4210	●	●				
No12-28	5,486	28	0,907	80	18	10	30	6,0	4,9	4,60	4212	●	●				
1/4-28	6,350	28	0,907	80	18	10	30	7,0	5,5	5,50	4227	●	●				
5/16-24	7,938	24	1,058	90	20	13	35	8,0	6,0	6,90	4228	●	●				
3/8-24	9,525	24	1,058	100	20	15	39	10,0	8,0	8,50	4229	●	●				

UNF	Ød ₁	1"/P	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-374					
											Tol.	2B	2B				
											INDEX	D2-111101	D2-511101				
7/16-20	11,112	20	1,270	100	20	15	-	8,0	6,2	9,90	4230	●	●				
1/2-20	12,700	20	1,270	100	20	15	-	9,0	7,0	11,50	4231	●	●				
9/16-18	14,288	18	1,411	100	20	15	-	11,0	9,0	12,90	4232	●	●				
5/8-18	15,875	18	1,411	100	20	15	-	12,0	9,0	14,50	4233	●	●				
3/4-16	19,050	16	1,588	110	24	17	-	14,0	11,0	17,50	4235	●	●				
7/8-14	22,225	14	1,814	125	24	17	-	18,0	14,5	20,40	4237	●	●				
1-12	25,400	12	2,117	140	27	20	-	18,0	14,5	23,25	4239	●	●				
1.1/8-12	28,575	12	2,117	150	27	22	-	22,0	18,0	26,50	4241	○	○				
1.1/4-12	31,750	12	2,117	150	27	22	-	22,0	18,0	29,50	4243	○	○				
1.3/8-12	34,925	12	2,117	170	30	22	-	28,0	22,0	32,75	4245	○	○				
1.1/2-12	38,100	12	2,117	170	30	24	-	28,0	22,0	36,00	4247	○	○				

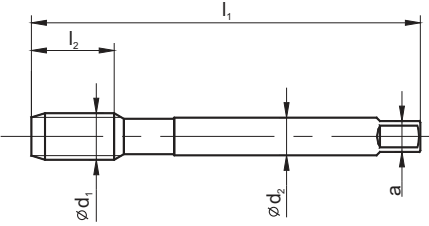
ISO		Vc (m/min)					
P	5-20	5-20					
M	-	-					
K	5-15	5-15					
N	5-25	5-25					
S	-	-					

Example of order

C2-111101-4210
Tap 800 No10-32 UNF 2B DIN-371 B HSSE

- Available from stock
- On request



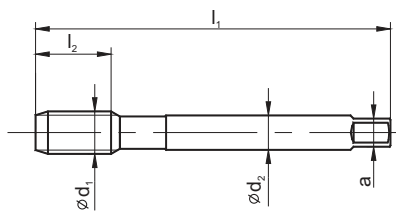
American unified fine thread UNEF, ANSI B-1.1												800					
												B	C-R40				
   																	
Material groups																	
Hole type																	
Quality of material												HSSE	HSSE				
Coating																	
Chamfer												B / 4-5P	C / 2-3P				
UNEF	Ød ₁	1"/P	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	~DIN-374					
											Tol.	2B	2B				
											INDEX	C2-111101	C2-511101				
1/4-32	6,350	32	0,794	80	14	8	-	4,5	3,4	5,55	4327	o	o				
5/16-32	7,938	32	0,794	80	14	8	-	6,0	4,9	7,15	4328	o	o				
3/8-32	9,525	32	0,794	90	18	8	-	7,0	5,5	8,70	4329	o	o				
7/16-28	11,112	28	0,907	90	18	10	-	8,0	6,2	10,20	4330	o	o				
1/2-28	12,700	28	0,907	100	18	10	-	9,0	7,0	11,80	4331	o	o				
9/16-24	14,288	24	1,058	100	18	11	-	11,0	9,0	13,20	4332	o	o				
5/8-24	15,875	24	1,058	100	18	11	-	12,0	9,0	14,80	4333	o	o				
3/4-20	19,050	20	1,270	110	25	13	-	14,0	11,0	17,80	4335	o	o				
7/8-20	22,225	20	1,270	125	25	13	-	18,0	14,5	20,95	4337	o	o				
1-20	25,400	20	1,270	140	28	13	-	18,0	14,5	24,15	4339	o	o				
												ISO V _c (m/min)					
												P	5-20	5-20			
												M	-	-			
												K	5-15	5-15			
												N	5-25	5-25			
												S	-	-			

1

Whitworth pipe thread G, DIN-ISO 228



HSSE

DIN
~5156

800

C

B

C-R40



Material groups



Hole type



Quality of material

HSSE

HSSE

HSSE

Coating

Chamfer

C / 2-3P

C / 2-3P

B / 4-5P

G	Ød ₁	1"/P	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-5156					
											Tol.						
											INDEX	D2-121101	D2-111101	D2-511101			
G1/16	7,723	28	0,907	90	17	10		6,0	4,9	6,80	3121	○	○	○			
G1/8	9,728	28	0,907	90	18	10		7,0	5,5	8,80	3123	●	●	●			
G1/4	13,157	19	1,337	100	22	14		11,0	9,0	11,80	3127	●	●	●			
G3/8	16,662	19	1,337	100	22	15		12,0	9,0	15,25	3129	●	●	●			
G1/2	20,955	14	1,814	125	25	17		16,0	12,0	19,00	3131	●	●	●			
G5/8	22,911	14	1,814	125	25	20		18,0	14,5	21,00	3133	●	●	●			
G3/4	26,441	14	1,814	140	28	20		20,0	16,0	24,50	3035	●	●	●			
G7/8	30,201	14	1,814	150	30	22		22,0	18,0	28,25	3137	●	●	●			
G1	33,249	11	2,309	160	32	24		25,0	20,0	30,75	3139	●	●	●			
G1.1/8	37,907	11	2,309	170	34	24		28,0	22,0	35,50	3141	○	○	○			
G1.1/4	41,910	11	2,309	170	34	25		32,0	24,0	39,50	3143	○	○	○			
G1.1/2	47,800	11	2,309	190	36	-		36,0	29,0	45,25	3147	○	○	○			
G1.3/4	53,756	11	2,309	190	36	-		40,0	32,0	51,00	3151	○	○	○			
G2	59,614	11	2,309	220	40	-		45,0	35,0	57,00	3155	○	○	○			
												Vc (m/min)					
												ISO					
												P	5-20	5-20	5-20		
												M	-	-	-		
												K	5-15	5-15	5-15		
												N	5-25	5-25	5-25		
												S	-	-	-		

Example of order

D2-121101-3123
Tap 800 G-1/8" DIN-5156 C HSSE

- Available from stock
- On request

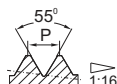
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**Whitworth pipe thread Rp, PN-ISO 7/1,
DIN EN 10226-1**



800

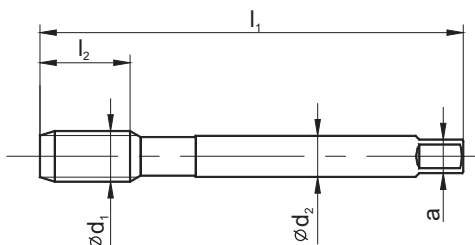
**Tapere Whitworth pipe thread Rc, PN-ISO 7/1,
DIN EN 10226-2**



HSSE

**DIN
5156**

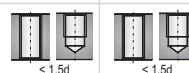
**DIN
~5156**



Material groups



Hole type



Quality of material

HSSE

HSSE

Coating

Chamfer

C / 2-3P

C / 2-3P

Rp	Ød ₁	1"/P	P	l ₁	l ₂	l ₃	Ød ₂	a		Norm	DIN-5156					
										Tol.						
										INDEX	D2-121101					
Rp-1/16"	7,723	28	0,907	90	17	-	6,0	4,9	6,55	3221	o					
Rp-1/8"	9,728	28	0,907	90	18	-	7,0	5,5	8,60	3223	o					
Rp-1/4"	13,157	19	1,337	100	22	-	11,0	9,0	11,50	3227	o					
Rp-3/8"	16,662	19	1,337	100	22	-	12,0	9,0	15,00	3229	o					
Rp-1/2"	20,955	14	1,814	125	25	-	16,0	12,0	18,50	3231	o					
Rp-3/4"	26,441	14	1,814	140	28	-	20,0	16,0	24,00	3235	o					
Rp-1"	33,249	11	2,309	160	32	-	25,0	20,0	30,25	3239	o					

Rc	Ød ₁	1"/P	P	l ₁	l ₂	l ₃	Ød ₂	a		Norm	~DIN-5156				
										Tol.					
										INDEX	D2-121101				
Rc-1/16"	-	28	0,907	90	17	-	6,0	4,9	6,15	3321	o				
Rc-1/8"	-	28	0,907	90	18	-	7,0	5,5	8,15	3323	●				
Rc-1/4"	-	19	1,337	100	22	-	11,0	9,0	10,85	3327	●				
Rc-3/8"	-	19	1,337	100	22	-	12,0	9,0	14,30	3329	●				
Rc-1/2"	-	14	1,814	125	25	-	16,0	12,0	17,80	3331	o				
Rc-3/4"	-	14	1,814	140	28	-	20,0	16,0	23,20	3335	o				
Rc-1"	-	11	2,309	160	33	-	25,0	20,0	29,20	3339	o				

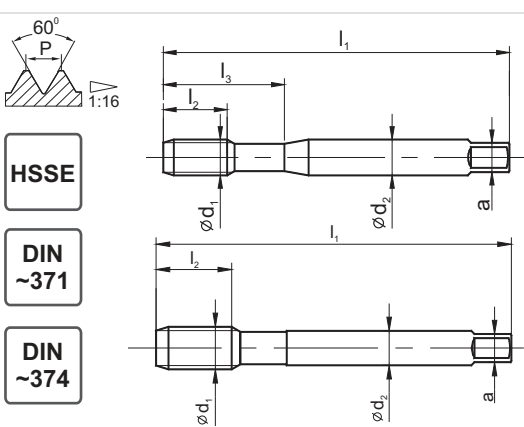
Conical reamer 1:16 on page 157

ISO	Vc (m/min)
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P	5-20	5-20				
M	-	-				
K	5-15	5-15				
N	10-25	10-25				
S	-	-				

Information concerning imensioins of the holes for tapere threas in the technical part of the catalogue on page 269



American tapered pipe thread NPT 1:16, ANSI B-1.20.1  HSSE DIN ~371 DIN ~374											800 c 									
Material groups											P N M S K H									
Hole type											 < 1,5d									
Quality of material											HSSE									
Coating																				
Chamfer											C / 2-3P									
NPT	Ød ₁	1"/P	P	l ₁	l ₂	l ₃	Ød ₂	a		Norm~DIN-371 Tol. INDEXC2-121101										
1/8	-	27	0,94	90	13	33	10,0	8,0	8,50	4623	●									
1/4	-	18	11,411	100	19,5	34,5	14,0	11,0	11,10	4627	●									

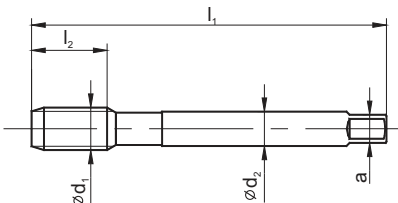
Rp	1"/P	P	l ₁	l ₂	l ₃	Ød ₂	a		Norm~DIN-374 Tol. INDEXD2-121101											
1/8	27	0,941	90	15	-	7	5,5	8,50	4623	●										
3/8	18	1,411	110	22	-	14,0	11,0	14,40	4629	●										
1/2	14	1,814	140	27	-	18,0	14,5	17,80	4643	●										
3/4	14	1,814	140	28	-	20,0	16,0	23,15	4647	●										
1	11.1/2	2,209	160	35	-	25,0	20,0	29,05	4655	●										

ISO		Vc (m/min)					
P	5-20						
M	-						
K	5-15						
N	10-25						
S	-						

1

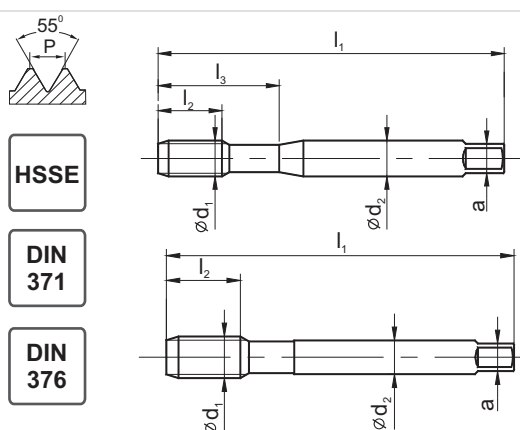
American tapered pipe thread NPTF 1:16, ANSI B-1.20.1									800						
60° P 1:16 HSSE DIN ~374 l₁ l₂ ød₁ ød₂ a									c 						
Material groups									PMSK NSEH						
Hole type									< 1,5d						
Quality of material									HSSE						
Coating															
Chamfer									C / 2-3P						
NPTF	Ød ₁	1"/P	P	l ₁	l ₂	Ød ₂	a		Norm	~DIN-374					
									Tol.						
									INDEX	D2-121101					
1/8	-	27	0,941	90	15	7,0	5,5	8,45	4723	●					
1/4	-	18	1,411	100	20	11,0	9,0	10,90	4727	○					
3/8	-	18	1,411	110	22	14,0	11,0	14,30	4729	○					
1/2	-	14	1,814	140	27	18,0	14,5	17,60	4731	○					
									ISO Vc (m/min)						
									P	5-20					
									M	-					
									K	5-15					
									N	10-25					
									S	-					



American parallel pipe threads NPSF, ANSI B 1.20.3										800					
 HSSE DIN ~5156 															
Material groups										P M K N S H					
Hole type															
Quality of material										HSSE					
Coating															
Chamfer										C / 2-3P					
NPSF	Ød ₁	1"/P	P	l ₁	l ₂	Ød ₂	a		Norm	~DIN-5156					
									Tol.						
									INDEX	D2-121101					
1/16	7,582	27	0,941	90	17	6,0	4,9	6,35	4521	o					
1/8	9,929	27	0,941	90	18	7,0	5,5	8,70	4523	o					
1/4	13,236	18	1,411	100	22	11,0	9,0	11,30	4527	o					
3/8	16,673	18	1,411	100	22	12,0	9,0	14,75	4529	o					
1/2	20,814	14	1,814	125	25	16,0	12,0	18,20	4531	o					
3/4	26,166	14	1,814	140	28	20,0	16,0	23,50	4535	o					
1	32,718	11.1/2	2,209	160	30	25,0	20,0	29,50	4539	o					
										ISO	Vc (m/min)				
										P	5-20				
										M	-				
										K	5-15				
										N	5-25				
										S	-				

1

Whitworth thread BSW, BS-84:1956



800

B

C-R40



Material groups



Hole type



Quality of material

HSSE

HSSE

Coating

Chamfer

B / 4-5P

C / 2-3P

BSW	Ød ₁	1"/P	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-371(~DIN2182)			
											Tol.	normal	normal		
											INDEX	C2-111101	C2-511101		
1/8-40	3,175	40	0,635	56	10	5	18	3,5	2,7	2,55	7123	o	o		
3/16-24	4,762	24	1,058	70	14	8	25	6,0	4,9	3,70	7125	o	o		
1/4-20	6,350	20	1,270	80	18	13	30	7,0	5,5	5,10	7127	o	o		
5/16-18	7,938	18	1,411	90	20	20	35	8,0	6,0	6,50	7128	o	o		
3/8-16	9,525	16	1,588	100	21	20	39	10,0	8,0	7,90	7129	o	o		

BSW	Ød ₁	1"/P	P	l ₁	l ₂	l ₂ R40	l ₃	Ød ₂	a		Norm	DIN-376(~DIN2182)			
											Tol.				
											INDEX	D2-111101	D2-511101		
7/16-14	11,112	14	1,814	100	22	15	-	8,0	6,2	9,25	7130	o	o		
1/2-12	12,700	12	2,117	110	24	18	-	9,0	7,0	10,50	7131	o	o		
5/8-11	15,875	11	2,309	110	32	22	-	12,0	9,0	13,50	7133	o	o		
3/4-10	19,050	10	2,540	125	32	25	-	14,0	11,0	16,40	7135	o	o		
7/8-9	22,225	9	2,822	140	32	30	-	18,0	14,5	19,25	7137	o	o		
1-8	25,400	8	3,175	160	38	30	-	20,0	16,0	22,00	7139	o	o		

ISO	Vc (m/min)				
P	5-20	5-20			
M	-	-			
K	5-15	5-15			
N	5-25	5-25			
S	-	-			

Example of order

 C2-111101-7123
 Tap 800 1/8-40 BSW DIN-371 C HSSE

- Available from stock
- On request